

Appln. No. 09/820,339

Amd. dated December 8, 2005

Reply to Office Action of June 8, 2005

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-7 (cancelled)

8 (Currently amended). An isolated DNA molecule consisting of a sequence coding for a polypeptide tolerogen which suppresses the autoimmune response of an individual to acetylcholine receptor, wherein said polypeptide ~~toleragen~~ tolerogen is selected from the group consisting of:

(i) a polypeptide consisting of amino acid residues 1-121 of SEQ ID NO:2;

(ii) a polypeptide consisting of amino acid residues 122-210 of SEQ ID NO:2;

(iii) a polypeptide H α 1-205 consisting of amino acid residues 1-205 of SEQ ID NO:2; and

~~(iv) a polypeptide H α 1-210 consisting of amino acid residues 1-210 of SEQ ID NO:2; and~~

~~(v)~~ a polypeptide as defined in (i)-~~[[iv]]~~ (iii), fused to an additional polypeptide at its N- and/or C-termini, wherein a human acetylcholine receptor α -subunit portion, consisting of amino acid residues 1-121 of SEQ ID NO:2, amino acid residues 122-210 of SEQ ID NO:2, or amino acid residues 1-

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